

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S1 | 41 | "6257401" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 08:54 |
| S2 | 26 | ("2669379" "3307752" "3311252" "4357042" "4548824" "4919955" "5705213" "5709897" "5720999").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 10:43 |
| S3 | 595 | "220/772".ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:10 |
| S10 | 674 | "220/752".ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:11 |
| S8 | 569 | "220/758".ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:11 |
| S4 | 471 | "220/769".ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:11 |
| S9 | 445 | "220/755".ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:11 |

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|-----|-----|-------------------|---|----|----|---------------------|
| S6 | 391 | "220/763".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:11 |
| S7 | 383 | "220/762".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:11 |
| S5 | 221 | "220/764".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:11 |
| S19 | 871 | "206/204".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:12 |
| S13 | 673 | "220/574".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:12 |
| S18 | 569 | "206/541".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:12 |
| S12 | 382 | "220/575".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:12 |
| S16 | 351 | "220/366.1".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:12 |
| S15 | 266 | "220/380".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:12 |

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|-----|------|---|---|----|----|---------------------|
| S17 | 245 | "206/549".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:12 |
| S23 | 1966 | "206/509".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:13 |
| S25 | 924 | "206/508".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:13 |
| S21 | 825 | "206/511".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:13 |
| S30 | 1493 | "426/106".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:14 |
| S28 | 1001 | "16/422".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:14 |
| S27 | 346 | "16/425".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:14 |
| S32 | 139 | (S2 S3 S4 S5 S6 S7 S8 S9 S10 S12 S13 S14 S15 S16 S17 S18 S19 S21 S23 S25 S27 S28 S30) and ((hing\$3 pivot\$3 pivotab\$2) adj (handle strap)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 12:17 |

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| S33 | 79 | ("D436471" "D045254" "D050459" "D066776" "D067011" "D069071" "D071991" "D072702" "D082327" "D082736" "1848120" "1926240" "D092457" "D093461" "D096461" "2051940" "D102862" "D103307" "2096825" "D114173" "D116150" "D119403" "2246695" "D132281" "2343128").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 14:43 |
| S34 | 84 | ("2352684" "2496619" "2530910" "D163032" "D163110" "D165933" "D166564" "2637617" "2669379" "2738915" "2780385" "2866575" "2914104" "D190751" "2979844" "2999611" "3051346" "3054679" "D194155" "3066824" "3077284" "D194682" "3082900" "D195602" "D195699").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 14:45 |
| S35 | 91 | ("3101864" "3104776" "D197310" "3119541" "3121507" "D197584" "d197993" "3131846" "d198545" "d198804" "3149747" "3151799" "3154215" "3172768" "3179036" "3216148" "3234077" "3246786" "3252683" "3253762" "3303964" "3307752" "3310088" "3311252" "3318283").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:02 |
| S36 | 83 | ("3326408" "3335846" "3344974" "d209990" "3381872" "3401863" "3420431" "3430803" "3434625" "d213718" "3443720" "3447714" "3452895" "3460711" "3464832" "d215413" "3511288" "d218804" "d218927" "3552595" "3565146" "d220031" "3568916" "d220448" "d220749").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:04 |

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|-----|----|--|--|----|----|------------------|
| S37 | 69 | ("d220752" "3586162" "3590988" "d221604" "3613938" "3620410" "3620411" "3623633" "3633785" "d223144" "3651981" "d224206" "3675811" "3690902" "d225050" "d225364" "3708086" "3710975" "T909015" "d226776" "3730382" "3732976" "3737068" "3737069" "d227226").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:07 |
| S38 | 81 | ("d227851" "3753512" "3770115" "3771712" "3786982" "3794090" "3795360" "3811560" "3815736" "RE28059" "3848795" "3851782" "3851789" "3858756" "3858786" "3876130" "3884383" "3889732" "d235498" "d235499" "3900550" "3902540" "3912118" "3918378" "3933295").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:10 |
| S39 | 68 | ("3933296" "3935962" "3964635" "3997677" "d243430" "4030850" "re29415" "d246289" "4057169" "4058214" "4061241" "4078696" "4079857" "4081646" "4096986" "4098453" "4111305" "d249234" "4127189" "4132344" "d250929" "4146170" "4159062" "d253514" "4183435").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:14 |
| S40 | 63 | ("4193496" "4197940" "4201301" "4206845" "4210248" "4210674" "d255659" "d255857" "4212234" "d256308" "d256646" "4234097" "4244470" "4253600" "d258632" "d259543" "d259774" "4279357" "4280635" "4294371" "4298133" "d261588" "d263023" "d263421" "d263798").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:16 |

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|-----|----|---|--|----|----|------------------|
| S41 | 72 | ("4351164" "4357042" "4360118" "4361233" "4362252" "4373636" "4375862" "4376493" "4380304" "d269323" "4390113" "4403712" "4412630" "4416906" "4421244" "4439656" "4440303" "4446986" "4452356" "4456164" "d274790" "4466552" "4472440" "4473165" "d275636").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:18 |
| S42 | 43 | ("4478349" "d276216" "4486640" "4494650" "4503991" "4505404" "4505962" "4512474" "4530344" "4533585" "d280060" "d280182" "4535889" "4545487" "d281042" "4548824" "4555024" "4555043" "4560082" "4560850" "d282245" "4576330" "d283666" "d284747" "4602719").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:22 |
| S43 | 41 | ("d284944" "d285638" "d287104" "d287207" "d287208" "4640838" "d288295" "4644931" "4648511" "4650076" "4653685" "4660716" "4661672" "d290232" "d291066" "4703149" "4704510" "4705163" "4730731" "4741452" "4742934" "d296191" "4750614" "4753351" "4756446").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:32 |
| S44 | 44 | ("4764391" "re32739" "4771934" "d298000" "d298304" "4784273" "d298791" "4801017" "4802258" "4809868" "4844263" "4847459" "4856674" "4859822" "4863054" "4863058" "d303337" "4867303" "4873101" "4874083" "4874088" "4882463" "4883195" "d304909" "4889239").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:35 |

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|-----|----|---|--|----|----|------------------|
| S45 | 43 | ("d305409" "4901884" "4916280" "4919955" "4941586" "d309554" "d312024" "4947993" "4962854" "d312025" "d312026" "4974738" "4976370" "4991732" "4994638" "5004121" "5012928" "5018624" "5027973" "5046659" "5094355" "5115931" "d326743" "5131551" "d328705").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:38 |
| S46 | 39 | ("d329198" "5145068" "5158209" "5161710" "5165947" "5176259" "d334323" "5215210" "d336216" "5224623" "5232112" "5236119" "5242696" "d339744" "d340882" "d341316" "5266763" "5269430" "d343576" "5287959" "d345305" "5300748" "d345894" "d345912" "d346554").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:40 |
| S47 | 39 | ("5322182" "d348608" "d349456" "5335787" "5339973" "d349832" "5345069" "d351999" "d352000" "d352203" "d352204" "5405009" "d358091" "5413239" "5414248" "5423453" "5423477" "5437383" "d361935" "d361036" "5441166" "5447234" "5456379" "d363879" "5464969").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:43 |
| S48 | 37 | ("5469986" "5471718" "d366395" "d366613" "5515993" "5518133" "5520306" "5529178" "d374376" "d375683" "5577627" "5587192" "d377580" "d378180" "5605231" "5605646" "5607709" "d379431" "d379587" "d382795" "d382795" "d382796" "5662237" "d384247" "d384862" "d386075").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:45 |

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|-----|------|---|--|----|----|------------------|
| S49 | 31 | ("d386081" "5685453" "5693388" "5705213" "d388699" "d388703" "d389056" "d389057" "5709897" "5715968" "5720999" "5730313" "d392881" "d393204" "d393801" "5758791" "5758794" "d394985" "5762231" "5772070").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 15:47 |
| S50 | 5 | (S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47 S48 S49) and ((hing\$3 pivot\$3 pivotab\$2) adj (handle strap)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 16:10 |
| S51 | 1007 | (S33 S34 S35 S36 S37 S38 S39 S40 S41 S42 S43 S44 S45 S46 S47 S48 S49) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 16:11 |
| S52 | 91 | (S2 S3 S4 S5 S6 S7 S8 S9 S10 S12 S13 S14 S15 S16 S17 S18 S19 S21 S23 S25 S27 S28 S30 S51) and (volume near5 area) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 16:33 |
| S53 | 210 | (ratio near5 (volume adj area)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 16:42 |
| S54 | 49 | ("2669379" "2866575" "3119541" "3310088" "3623633" "3737069" "3889732" "4357042" "4380304" "4412630" "4545487" "4844263" "5161710" "5165947" "5215210" "5520306").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 17:14 |

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|-----|-----|---|---------------------------|----|----|---------------------|
| S55 | 558 | ("1042928" "1601625" "1626930" "1682048" "1726573" "1828179" "1985670" "2051940" "2194898" "2313059" "2454455" "2497399" "2603409" "2652335" "2660529" "2708028" "2887389" "2935108" "2978142" "2982434" "3000527" "3015412" "3084842" "3111153" "3120974" "3128903" "3155263" "3207298" "3220591" "3220626" "3224569" "3229814" "3232422" "3244311" "3268070" "3268112" "3275366" "3285454" "3307321" "3310088" "3311252" "3341107" "3343711" "3348674" "3353706" "3369690" "3373896" "3392902" "3441172" "3450543" "3462035" "3463536" "3464618" "3481501" "3487972" "3507667" "3516571" "3516596" "3519163" "3552634" "3561668" "3586201" "3587846" "3612595" "3616943" "3620410" "3620411" "3647104" "3695505" "3717277" "3730382" "3737069" "3799386" "3804289" "3804961" "3811597" "3815736" "3815777" "3825049" "3834437" "3845875" "3853221" "3861578" "3868041" "3889732" "3902630" "3915532" "3938688" "3966082" "3977563" "3999677" "4004710" "4045070" "4061241" "4061785" "4068775" "4079152" "4079857" "4090636" "4091953" "4127228" "4215797" "4234100" "4252248" "4256770" "4293079" "4357042" "4380304" "4399926" "4411921" "4423080" "4446986" "4528228" "4556147") | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/28 17:15 |
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|-----|------|---|---|----|----|---------------------|
| | | "4622229" "4697703" "4742933" "4757899" "4842875" "4881658" "4989744" "4997098" "5027973" "5215210" "D254599").PN. OR ("2669379" "2866575" "3119541" "3310088" "3623633" "3737069" "3889732" "4357042" "4380304" "4412630" "4545487" "4844263" "5165947" "5215210" "5520306").URPN. | | | | |
| S56 | 144 | (S2 S3 S4 S5 S6 S7 S8 S9 S10 S12 S13 S14 S15 S16 S17 S18 S19 S21 S23 S25 S27 S28 S30 S51) and (capillary) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/28 17:23 |
| S57 | 1192 | (S4 S7 S8 S9 S10 S12 S13 S15 S16 S17 S18 S19 S21 S23 S25 S27 S28 S30 S3) and @pd> = "19990514" | US-PGPUB | OR | ON | 2010/04/28 17:25 |
| S58 | 485 | S57 and handle | US-PGPUB | OR | ON | 2010/04/28 17:25 |
| S59 | 26 | S57 and capillary | US-PGPUB | OR | ON | 2010/04/28 17:25 |
| S60 | 91 | ("3101864" "3104776" "D197310" "3119541" "3121507" "D197584" "d197993" "3131846" "d198545" "d198804" "3149747" "3151799" "3154215" "3172768" "3179036" "3216148" "3234077" "3246786" "3252683" "3253762" "3303964" "3307752" "3310088" "3311252" "3318283").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:11 |
| S61 | 83 | ("3326408" "3335846" "3344974" "d209990" "3381872" "3401863" "3420431" "3430803" "3434625" "d213718" "3443720" "3447714" "3452895" "3460711" "3464832" "d215413" "3511288" "d218804" "d218927" "3552595" "3565146" "d220031" "3568916" "d220448" "d220749").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:13 |

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|-----|----|--|--|----|----|------------------|
| S62 | 69 | ("d220752" "3586162" "3590988" "d221604" "3613938" "3620410" "3620411" "3623633" "3633785" "d223144" "3651981" "d224206" "3675811" "3690902" "d225050" "d225364" "3708086" "3710975" "T909015" "d226776" "3730382" "3732976" "3737068" "3737069" "d227226").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:14 |
| S63 | 81 | ("d227851" "3753512" "3770115" "3771712" "3786982" "3794090" "3795360" "3811560" "3815736" "RE28059" "3848795" "3851782" "3851789" "3858756" "3858786" "3876130" "3884383" "3889732" "d235498" "d235499" "3900550" "3902540" "3912118" "3918378" "3933295").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:16 |
| S64 | 68 | ("3933296" "3935962" "3964635" "3997677" "d243430" "4030850" "re29415" "d246289" "4057169" "4058214" "4061241" "4078696" "4079857" "4081646" "4096986" "4098453" "4111305" "d249234" "4127189" "4132344" "d250929" "4146170" "4159062" "d253514" "4183435").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:17 |
| S65 | 63 | ("4193496" "4197940" "4201301" "4206845" "4210248" "4210674" "d255659" "d255857" "4212234" "d256308" "d256646" "4234097" "4244470" "4253600" "d258632" "d259543" "d259774" "4279357" "4280635" "4294371" "4298133" "d261588" "d263023" "d263421" "d263798").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:18 |

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|-----|----|---|---|----|----|---------------------|
| S66 | 72 | ("4351164" "4357042" "4360118" "4361233" "4362252" "4373636" "4375862" "4376493" "4380304" "d269323" "4390113" "4403712" "4412630" "4416906" "4421244" "4439656" "4440303" "4446986" "4452356" "4456164" "d274790" "4466552" "4472440" "4473165" "d275636").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:20 |
| S67 | 43 | ("4478349" "d276216" "4486640" "4494650" "4503991" "4505404" "4505962" "4512474" "4530344" "4533585" "d280060" "d280182" "4535889" "4545487" "d281042" "4548824" "4555024" "4555043" "4560082" "4560850" "d282245" "4576330" "d283666" "d284747" "4602719").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:22 |
| S68 | 41 | ("d284944" "d285638" "d287104" "d287207" "d287208" "4640838" "d288295" "4644931" "4648511" "4650076" "4653685" "4660716" "4661672" "d290232" "d291066" "4703149" "4704510" "4705163" "4730731" "4741452" "4742934" "d296191" "4750614" "4753351" "4756446").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:29 |
| S69 | 44 | ("4764391" "re32739" "4771934" "d298000" "d298304" "4784273" "d298791" "4801017" "4802258" "4809868" "4844263" "4847459" "4856674" "4859822" "4863054" "4863058" "d303337" "4867303" "4873101" "4874083" "4874088" "4882463" "4883195" "d304909" "4889239").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:30 |

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| S70 | 43 | ("d305409" "4901884" "4916280" "4919955" "4941586" "d309554" "d312024" "4947993" "4962854" "d312025" "d312026" "4974738" "4976370" "4991732" "4994638" "5004121" "5012928" "5018624" "5027973" "5046659" "5094355" "5115931" "d326743" "5131551" "d328705").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:31 |
| S71 | 39 | ("d329198" "5145068" "5158209" "5161710" "5165947" "5176259" "d334323" "5215210" "d336216" "5224623" "5232112" "5236119" "5242696" "d339744" "d340882" "d341316" "5266763" "5269430" "d343576" "5287959" "d345305" "5300748" "d345894" "d345912" "d346554").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:32 |
| S72 | 39 | ("5322182" "d348608" "d349456" "5335787" "5339973" "d349832" "5345069" "d351999" "d352000" "d352203" "d352204" "5405009" "d358091" "5413239" "5414248" "5423453" "5423477" "5437383" "d361935" "d361036" "5441166" "5447234" "5456379" "d363879" "5464969").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:33 |
| S73 | 37 | ("5469986" "5471718" "d366395" "d366613" "5515993" "5518133" "5520306" "5529178" "d374376" "d375683" "5577627" "5587192" "d377580" "d378180" "5605231" "5605646" "5607709" "d379431" "d379587" "d382795" "d382795" "d382796" "5662237" "d384247" "d384862" "d386075").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:34 |

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| S74 | 31 | ("d386081" "5685453" "5693388" "5705213" "d388699" "d388703" "d389056" "d389057" "5709897" "5715968" "5720999" "5730313" "d392881" "d393204" "d393801" "5758791" "5758794" "d394985" "5762231" "5772070").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:35 |
| S75 | 383 | "220/762".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:38 |
| S76 | 569 | "220/758".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:41 |
| S77 | 445 | "220/755".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:48 |
| S78 | 674 | "220/752".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:52 |
| S79 | 6 | S78 and ((hing\$3 pivot\$3 pivotab\$2) adj (handle strap)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:52 |
| S80 | 346 | "16/425".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 09:58 |
| S81 | 871 | "206/204".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:03 |

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| S82 | 1 | S81 and ((hing\$3 pivot\$3 pivotab\$2) adj (handle strap)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:03 |
| S85 | 1967 | "206/509".ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:04 |
| S83 | 825 | "206/511".ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:04 |
| S86 | 10 | S85 and ((hing\$3 pivot\$3 pivotab\$2) adj (handle strap)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:04 |
| S84 | 3 | S83 and ((hing\$3 pivot\$3 pivotab\$2) adj (handle strap)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:04 |
| S89 | 1001 | "16/422".ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:05 |
| S87 | 924 | "206/508".ccls. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:05 |
| S90 | 17 | S89 and ((hing\$3 pivot\$3 pivotab\$2) adj (handle strap)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:05 |
| S88 | 7 | S87 and ((hing\$3 pivot\$3 pivotab\$2) adj (handle strap)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:05 |

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| S91 | 1494 | "426/106".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:06 |
| S92 | 34 | S91 and (capillary) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:06 |
| S94 | 242 | ((DELLINGER) near2 (J).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:10 |
| S93 | 25 | ((MANGLA) near2 (RAJ).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:10 |
| S95 | 15 | ((DELLINGER) near2 (Scott).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:10 |
| S97 | 443 | ((HAYES) near2 (THOMAS).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:11 |
| S96 | 140 | ((ERICKSON) near2 (MARK).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:11 |
| S99 | 100 | ((SPENCER) near2 (MARK).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:11 |
| S98 | 7 | ((MASLACH) near2 (SUZANNE).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/29 10:11 |

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| S100 | 1 | D361395 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/16 20:13 |
| S101 | 21 | D361935 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/16 20:15 |
| L21 | 1976 | "206/509".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L67 | 1976 | "206/509".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L25 | 1510 | "426/106".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L70 | 1510 | "426/106".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L24 | 1013 | "16/422".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L69 | 1013 | "16/422".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L22 | 932 | "206/508".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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| L68 | 932 | "206/508".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L19 | 884 | "206/204".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L65 | 884 | "206/204".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L20 | 828 | "206/511".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L66 | 828 | "206/511".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L11 | 681 | "220/752".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L63 | 681 | "220/752".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L13 | 674 | "220/574".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L4 | 597 | "220/772".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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| L18 | 574 | "206/541".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L9 | 569 | "220/758".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L61 | 569 | "220/758".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L44 | 566 | ("1042928" "1601625" "1626930" "1682048" "1726573" "1828179" "1985670" "2051940" "2194898" "2313059" "2454455" "2497399" "2603409" "2652335" "2660529" "2708028" "2887389" "2935108" "2978142" "2982434" "3000527" "3015412" "3084842" "3111153" "3120974" "3128903" "3155263" "3207298" "3220591" "3220626" "3224569" "3229814" "3232422" "3244311" "3268070" "3268112" "3275366" "3285454" "3307321" "3310088" "3311252" "3341107" "3343711" "3348674" "3353706" "3369690" "3373896" "3392902" "3441172" "3450543" "3462035" "3463536" "3464618" "3481501" "3487972" "3507667" "3516571" "3516596" "3519163" "3552634" "3561668" "3586201" "3587846" "3612595" "3616943" "3620410" "3620411" "3647104" "3695505" "3717277" "3730382" "3737069" "3799386" "3804289" "3804961" "3811597" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/17 09:55 |

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|-----|-----|--|---|----|----|---------------------|--|
| | | "3815736" "3815777" "3825049" "3834437" "3845875" "3853221" "3861578" "3868041" "3889732" "3902630" "3915532" "3938688" "3966082" "3977563" "3999677" "4004710" "4045070" "4061241" "4061785" "4068775" "4079152" "4079857" "4090636" "4091953" "4127228" "4215797" "4234100" "4252248" "4256770" "4293079" "4357042" "4380304" "4399926" "4411921" "4423080" "4446986" "4528228" "4556147" "4622229" "4697703" "4742933" "4757899" "4842875" "4881658" "4989744" "4997098" "5027973" "5215210" "D254599").PN. OR ("2669379" "2866575" "3119541" "3310088" "3623633" "3737069" "3889732" "4357042" "4380304" "4412630" "4545487" "4844263" "5165947" "5215210" "5520306").URPN. | | | | | |
| L5 | 474 | "220/769".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 | |
| L10 | 448 | "220/755".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 | |
| L62 | 448 | "220/755".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 | |

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| L75 | 444 | ((HAYES) near2 (THOMAS)).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L7 | 391 | "220/763".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L12 | 388 | "220/575".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L8 | 383 | "220/762".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L60 | 383 | "220/762".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L16 | 357 | "220/366.1".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L23 | 348 | "16/425".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L64 | 348 | "16/425".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L15 | 269 | "220/380".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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| L17 | 249 | "206/549".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L72 | 247 | ((DELLINGER) near2 (J).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L6 | 222 | "220/764".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L74 | 141 | ((ERICKSON) near2 (MARK)).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L77 | 100 | ((SPENCER) near2 (MARK)).inv. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L28 | 91 | ("3101864" "3104776" "D197310" "3119541" "3121507" "D197584" "d197993" "3131846" "d198545" "d198804" "3149747" "3151799" "3154215" "3172768" "3179036" "3216148" "3234077" "3246786" "3252683" "3253762" "3303964" "3307752" "3310088" "3311252" "3318283").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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|-----|----|---|--|----|----|------------------|
| L45 | 91 | ("3101864" "3104776" "D197310" "3119541" "3121507" "D197584" "d197993" "3131846" "d198545" "d198804" "3149747" "3151799" "3154215" "3172768" "3179036" "3216148" "3234077" "3246786" "3252683" "3253762" "3303964" "3307752" "3310088" "3311252" "3318283").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L27 | 85 | ("2352684" "2496619" "2530910" "D163032" "D163110" "D165933" "D166564" "2637617" "2669379" "2738915" "2780385" "2866575" "2914104" "D190751" "2979844" "2999611" "3051346" "3054679" "D194155" "3066824" "3077284" "D194682" "3082900" "D195602" "D195699").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L29 | 83 | ("3326408" "3335846" "3344974" "d209990" "3381872" "3401863" "3420431" "3430803" "3434625" "d213718" "3443720" "3447714" "3452895" "3460711" "3464832" "d215413" "3511288" "d218804" "d218927" "3552595" "3565146" "d220031" "3568916" "d220448" "d220749").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L46 | 83 | ("3326408" "3335846" "3344974" "d209990" "3381872" "3401863" "3420431" "3430803" "3434625" "d213718" "3443720" "3447714" "3452895" "3460711" "3464832" "d215413" "3511288" "d218804" "d218927" "3552595" "3565146" "d220031" "3568916" "d220448" "d220749").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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| L31 | 81 | ("d227851" "3753512" "3770115" "3771712" "3786982" "3794090" "3795360" "3811560" "3815736" "RE28059" "3848795" "3851782" "3851789" "3858756" "3858786" "3876130" "3884383" "3889732" "d235498" "d235499" "3900550" "3902540" "3912118" "3918378" "3933295").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L48 | 81 | ("d227851" "3753512" "3770115" "3771712" "3786982" "3794090" "3795360" "3811560" "3815736" "RE28059" "3848795" "3851782" "3851789" "3858756" "3858786" "3876130" "3884383" "3889732" "d235498" "d235499" "3900550" "3902540" "3912118" "3918378" "3933295").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L26 | 79 | ("D436471" "D045254" "D050459" "D066776" "D067011" "D069071" "D071991" "D072702" "D082327" "D082736" "1848120" "1926240" "D092457" "D093461" "D096461" "2051940" "D102862" "D103307" "2096825" "D114173" "D116150" "D119403" "2246695" "D132281" "2343128").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L34 | 77 | ("4351164" "4357042" "4360118" "4361233" "4362252" "4373636" "4375862" "4376493" "4380304" "d269323" "4390113" "4403712" "4412630" "4416906" "4421244" "4439656" "4440303" "4446986" "4452356" "4456164" "d274790" "4466552" "4472440" "4473165" "d275636").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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|-----|----|---|--|----|----|------------------|
| L51 | 77 | ("4351164" "4357042" "4360118" "4361233" "4362252" "4373636" "4375862" "4376493" "4380304" "d269323" "4390113" "4403712" "4412630" "4416906" "4421244" "4439656" "4440303" "4446986" "4452356" "4456164" "d274790" "4466552" "4472440" "4473165" "d275636").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L30 | 69 | ("d220752" "3586162" "3590988" "d221604" "3613938" "3620410" "3620411" "3623633" "3633785" "d223144" "3651981" "d224206" "3675811" "3690902" "d225050" "d225364" "3708086" "3710975" "T909015" "d226776" "3730382" "3732976" "3737068" "3737069" "d227226").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L47 | 69 | ("d220752" "3586162" "3590988" "d221604" "3613938" "3620410" "3620411" "3623633" "3633785" "d223144" "3651981" "d224206" "3675811" "3690902" "d225050" "d225364" "3708086" "3710975" "T909015" "d226776" "3730382" "3732976" "3737068" "3737069" "d227226").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L32 | 68 | ("3933296" "3935962" "3964635" "3997677" "d243430" "4030850" "re29415" "d246289" "4057169" "4058214" "4061241" "4078696" "4079857" "4081646" "4096986" "4098453" "4111305" "d249234" "4127189" "4132344" "d250929" "4146170" "4159062" "d253514" "4183435").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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|-----|----|---|--|----|----|------------------|
| L49 | 68 | ("3933296" "3935962" "3964635" "3997677" "d243430" "4030850" "re29415" "d246289" "4057169" "4058214" "4061241" "4078696" "4079857" "4081646" "4096986" "4098453" "4111305" "d249234" "4127189" "4132344" "d250929" "4146170" "4159062" "d253514" "4183435").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L33 | 63 | ("4193496" "4197940" "4201301" "4206845" "4210248" "4210674" "d255659" "d255857" "4212234" "d256308" "d256646" "4234097" "4244470" "4253600" "d258632" "d259543" "d259774" "4279357" "4280635" "4294371" "4298133" "d261588" "d263023" "d263421" "d263798").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L50 | 63 | ("4193496" "4197940" "4201301" "4206845" "4210248" "4210674" "d255659" "d255857" "4212234" "d256308" "d256646" "4234097" "4244470" "4253600" "d258632" "d259543" "d259774" "4279357" "4280635" "4294371" "4298133" "d261588" "d263023" "d263421" "d263798").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L35 | 50 | ("4478349" "d276216" "4486640" "4494650" "4503991" "4505404" "4505962" "4512474" "4530344" "4533585" "d280060" "d280182" "4535889" "4545487" "d281042" "4548824" "4555024" "4555043" "4560082" "4560850" "d282245" "4576330" "d283666" "d284747" "4602719").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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|-----|----|---|--|----|----|------------------|
| L43 | 50 | ("2669379" "2866575" "3119541" "3310088" "3623633" "3737069" "3889732" "4357042" "4380304" "4412630" "4545487" "4844263" "5161710" "5165947" "5215210" "5520306").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L52 | 50 | ("4478349" "d276216" "4486640" "4494650" "4503991" "4505404" "4505962" "4512474" "4530344" "4533585" "d280060" "d280182" "4535889" "4545487" "d281042" "4548824" "4555024" "4555043" "4560082" "4560850" "d282245" "4576330" "d283666" "d284747" "4602719").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L2 | 44 | "6257401" | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L37 | 44 | ("4764391" "re32739" "4771934" "d298000" "d298304" "4784273" "d298791" "4801017" "4802258" "4809868" "4844263" "4847459" "4856674" "4859822" "4863054" "4863058" "d303337" "4867303" "4873101" "4874083" "4874088" "4882463" "4883195" "d304909" "4889239").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L54 | 44 | ("4764391" "re32739" "4771934" "d298000" "d298304" "4784273" "d298791" "4801017" "4802258" "4809868" "4844263" "4847459" "4856674" "4859822" "4863054" "4863058" "d303337" "4867303" "4873101" "4874083" "4874088" "4882463" "4883195" "d304909" "4889239").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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|-----|----|--|---|----|----|---------------------|
| L38 | 43 | ("d305409" "4901884" "4916280" "4919955" "4941586" "d309554" "d312024" "4947993" "4962854" "d312025" "d312026" "4974738" "4976370" "4991732" "4994638" "5004121" "5012928" "5018624" "5027973" "5046659" "5094355" "5115931" "d326743" "5131551" "d328705").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L55 | 43 | ("d305409" "4901884" "4916280" "4919955" "4941586" "d309554" "d312024" "4947993" "4962854" "d312025" "d312026" "4974738" "4976370" "4991732" "4994638" "5004121" "5012928" "5018624" "5027973" "5046659" "5094355" "5115931" "d326743" "5131551" "d328705").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L36 | 41 | ("d284944" "d285638" "d287104" "d287207" "d287208" "4640838" "d288295" "4644931" "4648511" "4650076" "4653685" "4660716" "4661672" "d290232" "d291066" "4703149" "4704510" "4705163" "4730731" "4741452" "4742934" "d296191" "4750614" "4753351" "4756446").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L53 | 41 | ("d284944" "d285638" "d287104" "d287207" "d287208" "4640838" "d288295" "4644931" "4648511" "4650076" "4653685" "4660716" "4661672" "d290232" "d291066" "4703149" "4704510" "4705163" "4730731" "4741452" "4742934" "d296191" "4750614" "4753351" "4756446").pn. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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|-----|----|---|--|----|----|------------------|
| L39 | 39 | ("d329198" "5145068" "5158209" "5161710" "5165947" "5176259" "d334323" "5215210" "d336216" "5224623" "5232112" "5236119" "5242696" "d339744" "d340882" "d341316" "5266763" "5269430" "d343576" "5287959" "d345305" "5300748" "d345894" "d345912" "d346554").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L40 | 39 | ("5322182" "d348608" "d349456" "5335787" "5339973" "d349832" "5345069" "d351999" "d352000" "d352203" "d352204" "5405009" "d358091" "5413239" "5414248" "5414248" "5423453" "5423477" "5437383" "d361935" "d361036" "5441166" "5447234" "5456379" "d363879" "5464969").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L56 | 39 | ("d329198" "5145068" "5158209" "5161710" "5165947" "5176259" "d334323" "5215210" "d336216" "5224623" "5232112" "5236119" "5242696" "d339744" "d340882" "d341316" "5266763" "5269430" "d343576" "5287959" "d345305" "5300748" "d345894" "d345912" "d346554").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L57 | 39 | ("5322182" "d348608" "d349456" "5335787" "5339973" "d349832" "5345069" "d351999" "d352000" "d352203" "d352204" "5405009" "d358091" "5413239" "5414248" "5423453" "5423477" "5437383" "d361935" "d361036" "5441166" "5447234" "5456379" "d363879" "5464969").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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|-----|----|---|--|----|----|------------------|
| L41 | 37 | ("5469986" "5471718" "d366395" "d366613" "5515993" "5518133" "5520306" "5529178" "d374376" "d375683" "5577627" "5587192" "d377580" "d378180" "5605231" "5605646" "5607709" "d379431" "d379587" "d382795" "d382795" "d382796" "5662237" "d384247" "d384862" "d386075").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L58 | 37 | ("5469986" "5471718" "d366395" "d366613" "5515993" "5518133" "5520306" "5529178" "d374376" "d375683" "5577627" "5587192" "d377580" "d378180" "5605231" "5605646" "5607709" "d379431" "d379587" "d382795" "d382795" "d382796" "5662237" "d384247" "d384862" "d386075").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L42 | 31 | ("d386081" "5685453" "5693388" "5705213" "d388699" "d388703" "d389056" "d389057" "5709897" "5715968" "5720999" "5730313" "d392881" "d393204" "d393801" "5758791" "5758794" "d394985" "5762231" "5772070").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L59 | 31 | ("d386081" "5685453" "5693388" "5705213" "d388699" "d388703" "d389056" "d389057" "5709897" "5715968" "5720999" "5730313" "d392881" "d393204" "d393801" "5758791" "5758794" "d394985" "5762231" "5772070").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L3 | 26 | ("2669379" "3307752" "3311252" "4357042" "4548824" "4919955" "5705213" "5709897" "5720999").pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |

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|-----|----|--|---|----|----|---------------------|
| L71 | 25 | ((MANGLA) near2 (RAJ)).inv. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L73 | 15 | ((DELLINGER) near2 (Scott)).inv. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L76 | 7 | ((MASLACH) near2 (SUZANNE)).inv. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:55 |
| L79 | 74 | (L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 "s11" L12 L13 L15 L16 L17 L18 L19 "s20" L20 "s22" L21 "s24" L22 "s26" L23 L24 "s29" L25 L26 L27 L28 L29 L30 L31 L32 L33 L34 L35 L36 L37 L38 L39 L40 L41 L42 L43 L44 L45 L46 L47 L48 L49 L50 L51 L52 L53 L54 L55 L56 L57 L58 L59 L60 L61 L62 L63 L64 L65 L66 L67 L68 L69 L70 L71 L72 L73 L74 L75 L76 L77) and (continuous adj wall) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/08/17 09:56 |

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